# **Panasonic**



■INCLUDED ACCESSORIES

- AC cord - Operating instruction book - Remote control transmitter - Batteries

42-inch FULL HD LCD Display

# TH-42LF25ER

### Product specification (design and specification subject to change without notice)

42-inch (1067 mm)		
approx. 50,000 nours"		
ness decreases to hair of its original value.		
DVG 4		
	(75Ω), C: 0.286Vp-p (75Ω)	
RCA Pin jack (L/R) x 1 set		
BNC x 3	G/Y	: with sync 1.0 Vp-p (75Ω)
	$B/P_B/C_B$	: 0.7 Vp-p (75Ω)
	R/Pr/Cr	: 0.7 Vp-p (75Ω)
RCA Pin jack (L/R) x 1 set	0.5 Vrms	
DVI-D 24 Pin (HDCP compatible) x 1		
MINI D-sub 15 Pin x1 (Female)	G	: with sync 1.0 Vp-p (75Ω)
Plug & Play (VESA DDC 2B)		: without sync 0.7 Vp-p (75 $\Omega$ )
, , , ,	В	: 0.7 Vp-p (75Ω)
		: 0.7 Vp-p (75Ω)
		: 1.0 - 5.0 Vp-p (high impedanc
M3 jack x 1		. 1.0 - 5.0 vp-p (nigh impedanc
		32C compatible
220-240 V AC, 50Hz/60Hz		
thod.		
8Ω, 10W [5W + 5W] (10%THD)		
069 v E61 v 101 mm		
approx. 18.0 kg		
	C	
400 x 400 mm (installed by: M6 screws/	Screw noie depth 11.4	mm)
Humidity : 20% to 80% (Non	condensation)	
Temperature :-20°C to 60 °C* Humidity : 20% to 90% (Non co	ondensation)	
	/	
EN60065, IEC60065, GOST		
	3-2, EN61000-3-3	
DC 3V (2 x AA Size batteries)		
DC 3V (2 x AA Size batteries) approx. 7m in front of Display approx. 100g including batteries		
	RCA Pin jack (L/R) x 1 set  DVI-D 24 Pin (HDCP compatible) x 1  MINI D-sub 15 Pin x1 (Female) Plug & Play (VESA DDC 2B)  M3 jack x 1  D-sub 9 Pin x 1 (Male) (EXTERNAL CONT  220-240 V AC, 50Hz/60Hz 240W approx. 200W 0.2W Save on 0.2W, Save off 0.3W  thod.  8Ω, 10W [5W + 5W] (10%THD)  968 x 561 x 101 mm 1099 x 707 x 210 mm approx. 18.0 kg approx. 22.0 kg 18.3 mm Plastic / Black 400 x 400 mm (Installed by: M6 screws/  Temperature : 0°C to 40°C Humidity : 20% to 80% (Non composite of the screws/  Temperature : -20°C to 60°C* Humidity : 20% to 90% (Non composite of the screws/  EN60065, IEC60065, GOST	16:9   930 x 523 mm   1920 x 1080 pixels   500 cd/m   1200:1   9 ms (G to G)   178" /178"   approx. 50,000 hours*   approx. 50,000 hours*   approx. 50,000 hours*   1.0 Vp-p.( Mini DIN 4 Pin x 1

## **MAIN FEATURE**

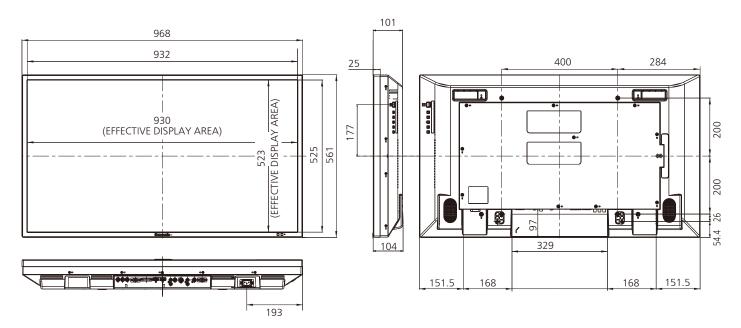
2 x 2, 3 x 3, 4 x 4, 5 x 5
n x m (max 5 x 5)
Yes
Yes
x2, x3, x4
Yes
On/Off/Sensor
Yes
Yes
Yes
Yes

#### OPTIONAL ACCESSORIES

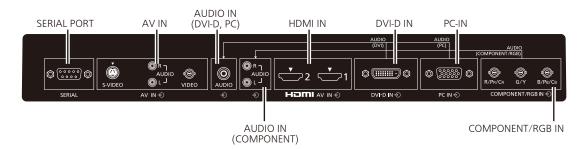
Pedestal	TY-STLF20

# **DIMENSIONS**

Cautions: This drawing is not a scale Units :mm



# CONNECTION TERMINAL



### **APPLICABLE INPUT SIGNALS**

	Signal name	Horizontal frequency (kHz)	Vertical frequency (kHz)	VIDEO S-VIDEO	COMPONENT IN (Dotclock(MHz))	RGB IN (Dotclock(MHz))	PC IN (Dotclock(MHz))	DVI-D IN (Dotdock(MHz))	HDMI1 HDMI2
as	NTSC PAL	15.73 15.63	59.94 50.00	Y					
Signals	PAL 60	15.73	59.94	Y					
Š	SECAM NTSC 4.43	15.63 15.73	50.00 59.94	Y					
Video	PAL M	15.73	59.94 50.00	Y					
7	525(480)/60i	15.63 15.73	59.94	ı	Y (13.5)			Y (27.0)	Υ
	525(480)/60p 625(575)/50i	31.47 15.63	59.94 50.00		Y (27.0) Y (13.5)			Y (27.0)	Y
a)	625(576)/50i	15.63	50.00		1 1			Y (27.0)	Υ
Signals	625(575)/50p 625(576)/50p	31.25 31.25	50.00 50.00		Y (27.0)			Y (27.0)	Υ
	750(720)/60p 750(720)/50p	45.00 37.50	60.00 50.00		Y (74.25) Y (74.25)			Y (74.25) Y (74.25)	Y Y
ā	1125(1080)/60p	67.50	60.00		Y (148.5)*1			Y (148.5)	Υ
Component	1125(1080)/60i 1125(1080)/50p	33.75 56.25	60.00 50.00		Y (74.25)*1 Y (148.5)*1			Y (74.25) Y (148.5)	Y Y
5	1125(1080)/50i 1125(1080)/24sF	28.13 27.00	50.00 48.00		Y (74.25)*1 Y (74.25)*2			Y (74.25)	Y Y
	1125(1080)/30p	33.75	30.00		Y (74.25)*1			Y (74.25)	Υ
	1125(1080)/25p 1125(1080)/24p	28.13 27.00	25.00 24.00		Y (74.25)*1 Y (74.25)*1			Y (74.25) Y (74.25)	Y Y
	640x400@70Hz 640x400@85Hz	31.46 37.86	70.07 85.08		, -, -	Y (25.17) Y (31.5)	Y (25.17) Y (31.5)	Y (25.17) Y (31.5)	
	640x480@60Hz	31.43	59.88			Y (25.15) Y (25.18)	Y (25.15)	Y (25.15)	
	640x480@60Hz 640x480@67Hz	31.47 35.00	59.94 66.67			Y (25.18) Y (30.24)	Y (25.18) Y (30.24)	Y (25.18) Y (30.24)	Y
	640x480@72Hz	37.86	72.81			Y (31.5)	Y (31.5)	Y (31.5)	
	640x480@75Hz 640x480@85Hz	37.50 43.27	75.00 85.01			Y (31.5) Y (36.0)	Y (31.5) Y (36.0)	Y (31.5) Y (36.0)	
	720x400@70Hz 800x600@55Hz	31.47 34.50	70.08 55.38			Y (28.32) Y (35.33)	Y (28.32) Y (35.33)	Y (28.32) Y (35.33)	
	800x600@56Hz	35.16	56.25			Y (36.0)	Y (36.0)	Y (36.0)	
	800x600@60Hz 800x600@60Hz	37.88 38.00	60.32 60.51			Y (40.0) Y (40.13)	Y (40.0) Y (40.13)	Y (40.0) Y (40.13)	Y
	800x600@72Hz 800x600@75Hz	48.08 46.88	72.19 75.00			Y (50.0) Y (49.5)	Y (50.0) Y (49.5)	Y (50.0) Y (49.5)	
	800x600@85Hz	53.67	85.06			Y (56.25)	Y (56.25)	Y (56.25)	
	852x480@60Hz 1024x768@50Hz	31.47 39.55	59.94 50.00			Y (33.54) Y (51.89)	Y (33.54) Y (51.89)	Y (34.24) Y (51.89)	
	1024x768@60Hz 1024x768@60Hz	48.36 48.50	60.00 60.02			Y (65.0) Y (64.99)	Y (65.0) Y (64.99)	Y (65.0) Y (65.18)	Υ
	1024x768@70Hz	56.48	70.07			Y (75.0)	Y (75.0)	Y (75.0)	
	1024x768@75Hz 1024x768@75Hz	60.24 60.02	74.93 75.03			Y (80.0) Y (78.75)	Y (80.0) Y (78.75)	Y (80.0) Y (78.75)	
	1024x768@75Hz 1024x768@85Hz	61.01 68.68	75.70 85.00			Y (80.05) Y (94.5)	Y (80.05) Y (94.5)	Y (81.0) Y (94.5)	
ş	1024x768@120Hz	97.55	119.99				Y (115.5)	Y (115.5)	
gna	1066x600@60Hz 1152x864@60Hz	37.64 53.70	59.94 60.00			Y (53.0) Y (81.62)	Y (53.0) Y (81.62)	Y (53.0) Y (81.62)	
7	1152x864@75Hz 1152x900@65Hz	67.50 61.20	75.00 65.20			Y (108.0) Y (92.0)	Y (108.0) Y (92.0)	Y (108.0)	
٦	1152x900@66Hz	61.85	66.00			Y (94.5)	Y (94.5)	Y (92.0) Y (94.5)	
	1152x900@75Hz 1280x768@60Hz	71.40 47.78	75.60 59.87			Y (105.1) Y (79.50)	Y (105.1) Y (79.50)	Y (105.1) Y (79.50)	
	1280x800@50Hz	41.20 60.00	50.00 60.00			Y (68.55)	Y (68.55) Y (108.0)	Y (68.55)	
	1280x960@60Hz 1280x960@85Hz	85.94	85.00			Y (108.0) Y (148.5)	Y (148.5)	Y (108.0) Y (148.5)	
	1280x1024@50Hz 1280x1024@60Hz	52.70 63.34	50.00 59.98			Y (89.38) Y (108.18)	Y (89.38) Y (108.18)	Y (89.38) Y (108.18)	
	1280x1024@60Hz	63.90 63.37	60.00			Y (107.35)	Y (107.35) Y (107.5)	Y (107.35)	
	1280x1024@60Hz 1280x1024@60Hz	63.74	60.02			Y (107.5) Y (108.1)	Y (108.1)	Y (107.5) Y (108.1)	
	1280x1024@60Hz 1280x1024@60Hz	63.98 63.79	60.02 60.18			Y (108.0) Y (108.19)	Y (108.0) Y (108.19)	Y (108.0) Y (108.19)	Υ
	1280x1024@66Hz	70.66	66.47			Y (119.84)	Y (119.84)	Y (119.84)	
	1280x1024@75Hz 1280x1024@76Hz	79.98 81.13	75.02 76.11			Y (135.0) Y (135.0)	Y (135.0) Y (135.0)	Y (135.0) Y (135.0)	
	1280x1024@85Hz 1360x768@60Hz	91.15 47.71	85.02 60.02			Y (85.5)	Y (157.5) Y (85.5)	Y (157.5) Y (85.5)	
	1366x768@50Hz	39.55	50.00			Y (69.92)	Y (69.92)	Y (69.92)	
	1366x768@60Hz 1400x1050@60Hz	48.36 65.12	60.00 59.91			Y (86.71) Y (121.38)	Y (86.71) Y (121.38)	Y (87.44) Y (122.43)	
	1400x1050@60Hz 1400x1050@60Hz	65.32 65.35	59.98 60.12			Y (121.75) Y (121.81)	Y (121.75) Y (121.81)	Y (121.75) Y (121.85)	
	1400x1050@75Hz	82.28	74.87			Y (156.0)	Y (156.0)	Y (156.0)	
	1600x1200@60Hz 1920x1080@60Hz	75.00 67.50	60.00			Y (162.0) Y (148.5)	Y (162.0) Y (148.5)	Y (162.0) Y (148.5)	
	1920x1200@60Hz	74.04 35.00	59.95 66.67			Y (30.24)	Y (154.0) Y (30.24)	Y (154.0)	
	Macintosh13"(640x480) MacintoshLC13"(640x480)	34.97	66.60			Y (31.33)	Y (31.33)	Y (30.24) Y (31.33)	
	Macintosh16"(832x624) Macintosh19"(1024x768)	49.72 60.24	74.55 75.08			Y (57.28) Y (80.0)	Y (57.28) Y (80.0)	Y (57.28) Y (80.0)	
- 1	Macintosh21"(1152x870)	68.68	75.06			Y (100.0)	Y (100.0)	Y (100.0)	

<sup>\*1:</sup>Based on SMPTE 274M standard. \*2:Based on SMPTE RP211 standard.